

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	276	713/193.cor.	USPAT	OR	OFF	2007/04/26 15:14
L2	67	713/172.cor.	USPAT; USOCR	OR,	OFF	2007/04/26 12:00
L3	75	705/64.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:01
L4	18	705/66.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:01
L5	17	705/68.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:01
L6	65	705/75.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:01
L7	15426	(chang\$3 or modif\$7) WITH card	USPAT	OR	ON	2007/04/26 12:05
L8	30108	(chang\$3 or modif\$7) WITH (confirm\$5 or valid\$5)	USPAT	OR	ON	2007/04/26 15:48
L9	380	L7 same L8	USPAT	OR	ON	2007/04/26 12:05
L10	47	L9 and (rollback or commit\$4)	USPAT	OR	ON	2007/04/26 12:05
L11	6301	(finaliz\$ approv\$ authenticat\$) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 12:06
L12	422	(finaliz\$ approv\$ authenticat\$) near3 (change modif\$)	EPO; DERWENT	OR	ON	2007/04/26 12:07
L13	23	12 SAME \$CARD	EPO; DERWENT	OR	ON	2007/04/26 12:08
L14	37	12 and \$CARD	EPO; DERWENT	OR	ON	2007/04/26 14:14
L18	1	"6062472".pn.	USPAT	OR	OFF	2007/04/26 15:14
L19	0	(provision\$ and record\$ and finaliz\$ and modification and discard\$).clm.	US-PGPUB	OR	ON	2007/04/26 15:49
S1	1	"4877945".pn.	USPAT	OR	OFF	2004/03/30 11:23
S2	0	S1 and advantag\$	USPAT	OR	OFF	2004/03/30 11:56
S3	59	card WITH mutual WITH authentication	USPAT	OR	OFF	2004/03/30 11:47
S4	60	card WITH mutual WITH authentication	USPAT	OR	ON	2004/03/30 11:47
S5	3	S4 same certificate	USPAT	OR	ON	2004/03/30 12:04
S6	2	S5 and advantag\$	USPAT	OR	OFF	2004/03/30 12:29
S7	0	S5 same session	USPAT	OR	ON	2004/03/30 12:04
S8	2	S5 and session	USPAT	OR	ON	2004/03/30 12:04
S9	1	"5869825".pn.	USPAT	OR	OFF	2004/03/30 12:29

## EAST Search History

S10	1	S9 and ticket\$	USPAT	OR	OFF	2004/03/30 12:36
S11	0	S9 and online	USPAT	OR	OFF	2004/03/30 12:36
S12	0	S9 and off near line3	USPAT	OR	OFF	2004/03/30 12:36
S13	1	S9 and off near line	USPAT	OR	OFF	2004/03/30 12:36
S14	9	713/173.cor.	USPAT	OR	OFF	2004/03/30 12:59
S15	573	713/200.cor.	USPAT	OR	OFF	2004/03/30 13:01
S16	54	S15 and (smart near card)	USPAT	OR	ON	2004/03/30 13:01
S17	532	713/201.cor.	USPAT	OR	OFF	2004/03/30 13:05
S18	66	S17 and (smart near card)	USPAT	OR	ON	2004/03/30 13:01
S19	34	705/65.cor.	USPAT	OR	OFF	2004/03/30 13:06
S20	33	705/67.cor.	USPAT	OR	OFF	2004/03/30 13:06
S21	43	713/172.cor.	USPAT	OR	OFF	2007/04/26 10:57
S22	19	grieu near francois	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/03/25 11:45
S23	7	didier near stephane	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2004/03/25 11:46
S24	150	contactless near card	USPAT	OR	OFF	2004/03/25 11:51
S25	19	(contactless near card) and ticket\$	USPAT	OR	OFF	2004/03/25 11:51
S26	10	((contactless near card) and ticket\$) and record\$	USPAT	OR	OFF	2004/03/25 11:51
S27	208	contactless near card	USPAT	OR	ON	2004/03/25 11:51
S28	28	(contactless near card) and ticket\$	USPAT	OR	ON	2004/03/25 11:59
S29	18	((contactless near card) and ticket\$) and record\$	USPAT	OR	ON	2004/03/25 11:53
S30	1	(((contactless near card) and ticket\$) and record\$) and (forego or void\$)	USPAT	OR	ON	2004/03/25 13:12
S31	14	(((contactless near card) and ticket\$) and record\$) and without	USPAT	OR	ON	2004/03/25 11:53
S32	3	(contactless near card) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 12:06
S33	5641	smart near card	USPAT	OR	ON	2007/04/10 10:18
S34	380	(smart near card) WITH (antenna or RF or frequency)	USPAT	OR	ON	2004/03/25 12:08

## EAST Search History

S35	1	((smart near card) WITh (antenna or RF or frequency)) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 12:08
S36	5202	card WITh (antenna or RF or frequency)	USPAT	OR	ON	2006/02/26 12:35
S37	5	(card WITh (antenna or RF or frequency)) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 12:36
S38	17	(smart near card) and provision\$ near record\$	USPAT	OR	ON	2004/03/25 12:36
S39	1	(((contactless near card) and ticket\$) and record\$) and (forego or void\$ or null\$)	USPAT	OR	ON	2004/03/25 13:16
S40	4170	record\$ WITh (null\$ or void\$ or discard\$)	USPAT	OR	ON	2004/03/25 13:16
S41	71	(smart near card) and (record\$ WITh (null\$ or void\$ or discard\$))	USPAT	OR	ON	2004/03/25 13:16
S42	0	((smart near card) and (record\$ WITh (null\$ or void\$ or discard\$))) and (remote near ticket\$)	USPAT	OR	ON	2004/03/25 15:45
S43	55	((smart near card) and (record\$ WITh (null\$ or void\$ or discard\$))) and remote	USPAT	OR	ON	2004/03/25 13:17
S44	40	((smart near card) and (record\$ WITh (null\$ or void\$ or discard\$))) and ticket\$	USPAT	OR	ON	2004/03/25 13:17
S45	55	remote near ticket\$	USPAT	OR	ON	2004/03/25 15:45
S46	14	(remote near ticket\$) and smart near card	USPAT	OR	ON	2004/03/25 15:45
S47	13	((remote near ticket\$) and smart near card) and record\$	USPAT	OR	ON	2004/03/25 15:46
S48	1	(((remote near ticket\$) and smart near card) and record\$) and discard\$	USPAT	OR	ON	2004/03/25 15:48
S49	1	((remote near ticket\$) and smart near card) and discard\$	USPAT	OR	ON	2004/03/25 15:51
S50	1	"4877945".pn.	USPAT	OR	ON	2004/03/25 16:02
S51	712	ticket\$ and (smart near card)	USPAT	OR	ON	2004/03/25 16:02
S52	458	(ticket\$ and (smart near card)) and remote	USPAT	OR	ON	2004/03/25 16:03
S53	153	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$)	USPAT	OR	ON	2004/03/25 16:04

## EAST Search History

S54	148	((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)	USPAT	OR	ON	2004/03/25 16:14
S55	148	(((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)) and (remote or RF or frequency or radio)	USPAT	OR	ON	2004/03/25 16:19
S56	15	(((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)) and (remote or RF or frequency or radio) near card	USPAT	OR	ON	2004/03/25 16:18
S57	15	(((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)) and ((remote or RF or frequency or radio) near card)	USPAT	OR	ON	2004/03/25 16:18
S58	58	(((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)) and (rRF or frequency or radio)	USPAT	OR	ON	2004/03/25 16:19
S59	64	(((ticket\$ and (smart near card)) and remote) and (discard\$ or void\$ or null\$) and (record\$ or writ\$)) and (RF or frequency or radio)	USPAT	OR	ON	2004/03/25 16:19
S60	1	"5869825".pn.	USPAT	OR	OFF	2004/12/10 11:47
S61	1	S60 and provision\$	USPAT	OR	OFF	2004/12/10 11:48
S62	1	S60 and temporar\$	USPAT	OR	OFF	2004/12/10 11:57
S63	351	contactless near2 card	USPAT	OR	OFF	2004/12/10 11:57
S64	501	contactless near2 card	USPAT	OR	ON	2004/12/10 12:10
S65	20021	(temporar\$ or Provision\$) WITH (record\$ or saving or save)	USPAT	OR	ON	2004/12/10 12:10
S66	0	S64 same S65	USPAT	OR	ON	2004/12/10 12:01
S67	4	S64 and S65	USPAT	OR	ON	2004/12/10 12:01
S68	48	contactless near2 card.ti.	USPAT	OR	ON	2004/12/10 12:10
S69	10	S68 and (temporar\$ or Provision\$)	USPAT	OR	ON	2004/12/10 12:33
S70	177	S64 and (temporar\$ or Provision\$)	USPAT	OR	ON	2004/12/10 12:35
S71	0	S70 and finalizing and discar\$	USPAT	OR	ON	2004/12/10 14:01
S72	7	S70 and confirm\$ and discar\$	USPAT	OR	ON	2004/12/10 14:01
S73	1	"5856659".pn.	USPAT	OR	OFF	2005/06/23 13:49
S74	274443	(card or (memory adj card) or token or smartcard or (smart adj card) or IC or (IC adj card))	USPAT	OR	ON	2006/02/26 12:45

## EAST Search History

S75	12	S74 WITH provisional\$ WITH records\$	USPAT	OR	ON	2006/02/26 12:51
S76	34	confirm\$ WITH data WITH prior WITH record\$	USPAT	OR	ON	2006/02/26 12:54
S77	9	S74 and S76	USPAT	OR	ON	2006/02/26 12:54
S78	12	authenticat\$ WITH data WITH prior WITH record\$	USPAT	OR	ON	2006/02/26 12:54
S79	9	S74 and S78	USPAT	OR	ON	2006/02/26 12:54
S80	19	grieu near francois	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 09:07
S81	275040	(card or (memory adj card) or token or smartcard or (smart adj card) or IC or (IC adj card))	USPAT	OR	ON	2006/03/01 09:08
S82	2	S81 WITH finaliz\$ WITH (change or modif\$)	USPAT	OR	ON	2006/03/01 09:09
S83	16	S81 WITH finaliz\$ WITH (change or modif\$ or record\$)	USPAT	OR	ON	2006/09/02 17:09
S84	28	S81 WITH finaliz\$ WITH (change or modif\$ or record\$ or data)	USPAT	OR	ON	2006/03/01 09:12
S85	7367	S81 WITH data WITH record\$	USPAT	OR	ON	2006/03/01 09:13
S86	96	S81 WITH authenticat\$ WITH data WITH record\$	USPAT	OR	ON	2006/03/01 09:52
S87	3858	S81 WITH (delet\$ or remov\$) WITH data	USPAT	OR	ON	2006/03/01 09:52
S88	414	S81 WITH (delet\$) WITH data	USPAT	OR	ON	2006/03/01 09:53
S89	138	S81 near3 (delet\$) near3 data	USPAT	OR	ON	2006/03/01 09:53
S90	5	S81 WITH (delet\$) WITH unauthoriz\$ WITH data	USPAT	OR	ON	2006/03/01 09:55
S91	13	S81 WITH (delet\$ or removing or removed or remove) WITH unauthoriz\$ WITH data	USPAT	OR	ON	2006/03/01 10:26
S92	1	"6477511".pn. and (delet\$ or removing or removed or remove)	USPAT	OR	ON	2006/03/01 10:24
S93	6	S81 WITH (delet\$ or removing or removed or remove) WITH forg\$ WITH data	USPAT	OR	ON	2006/03/01 10:27
S94	0	S81 WITH (delet\$ or removing or removed or remove) WITH fals\$ WITH fund	USPAT	OR	ON	2006/03/01 10:28
S95	12	S81 WITH (delet\$ or removing or removed or remove) WITH counterfeit\$	USPAT	OR	ON	2006/03/01 10:32

## EAST Search History

S96	93	S81 WITH pirat\$	USPAT	OR	ON	2006/03/01 10:32
S97	1010978	(IC or \$card or card)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:12
S98	570	S97 WITH (finaliz\$ approv\$ authenticat\$) WITH (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:19
S99	55	S97 near3 (finaliz\$ approv\$ authenticat\$) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 12:06
S100	20	S99 and (reject\$ discard\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:13
S101	288	S97 near3 authenticat\$ near3 record\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:20
S102	0	S97 near3 authenticat\$ near3 provision\$ near3 record\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:20
S103	0	S97 near3 (finaliz\$ ) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:48
S104	0	S97 near3 (finaliz\$) near3 (change modif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/02 17:48
S105	1	"6848049".pn.	USPAT	OR	OFF	2006/09/05 09:02
S106	1	S105 and certificate	USPAT	OR	OFF	2006/09/05 09:37
S107	1	"5,761,309".pn.	USPAT	OR	OFF	2006/09/05 09:02
S108	1012254	(IC or \$card or card)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:05
S109	265	S108 near3 (authenticat\$ verif\$) near3 certificate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:06

## EAST Search History

S11 0	16	S108 near3 (authenticat\$ verif\$) near3 certificate near3 terminal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/05 09:06
S11 1	1	S105 and (discard\$ reject\$)	USPAT	OR	ON	2006/09/05 09:37
S11 2	6	rollback WITH card	USPAT	OR	ON	2007/04/10 10:36
S11 3	15386	(chang\$3 or modif\$7) WITH card	USPAT	OR	ON	2007/04/10 10:36
S11 4	29986	(chang\$3 or modif\$7) WITH (confirm\$5 or valid\$5)	USPAT	OR	ON	2007/04/10 10:37
S11 5	380	S113 same S114	USPAT	OR	ON	2007/04/10 10:37
S11 7	102738	(chang\$3 or modif\$7) WITH (accept\$3 or finaliz\$5 or permit\$4)	USPAT	OR	ON	2007/04/10 10:38
S11 8	49	S117 same S115	USPAT	OR	ON	2007/04/10 12:26
S11 9	2	CUSTOMER WITH ADMINISTER\$3 WITH AUTOLOAD\$3	USPAT	OR	ON	2007/04/10 13:33
S12 0	1	"6508400".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:34
S12 1	1	"6367011".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:34
S12 2	1	"6317832".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:35
S12 3	1	"6202155".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:39
S12 4	1	"6196459".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:41
S12 5	1	"6085976".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:42
S12 6	1	"6062472".PN.	USPAT; USOCR	OR	OFF	2007/04/10 13:43
S12 7	1	"6029892".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:19
S12 8	1	"6018717".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:20
S12 9	1	"5936221".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:21
S13 0	1	"5892211".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:23
S13 1	1	"5859419".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:25

## EAST Search History

S13 2	1	"5856659".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:27
S13 3	1	"5832090".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:27
S13 4	1	"5748737".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:28
S13 5	1	"5734722".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:28
S13 6	1	"5704046".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:31
S13 7	1	"5650761".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:32
S13 8	1	"4074352".PN.	USPAT; USOCR	OR	OFF	2007/04/10 14:34
S13 9	75	705/64.cor.	USPAT; USOCR	OR	OFF	2007/04/10 14:49
S14 0	46	705/65.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:01
S14 1	18	705/66.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:19
S14 2	17	705/68.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:23
S14 3	64	705/75.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:39
S14 4	54	726/9.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:40
S14 5	0	S144 and (\$card and (undo rollback))	USPAT; USOCR	OR	ON	2007/04/10 15:40
S14 6	54	726/20.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:40
S14 7	0	S146 and (\$card and (undo rollback))	USPAT; USOCR	OR	ON	2007/04/10 15:40
S14 8	306	707/202.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:40
S14 9	0	S146 and ((undo rollback))	USPAT; USOCR	OR	ON	2007/04/10 15:41
S15 0	407	707/203.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:44
S15 1	52	S150 and ((undo rollback))	USPAT; USOCR	OR	ON	2007/04/10 15:46
S15 2	18	S151 and \$card	USPAT; USOCR	OR	ON	2007/04/10 15:42
S15 3	0	902/38.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:45

## EAST Search History

S15 4	221	714/15.cor.	USPAT; USOCR	OR	OFF	2007/04/10 15:52
S15 5	44	S154 and ((undo rollback))	USPAT; USOCR	OR	ON	2007/04/10 15:47
S15 6	28	714/19.cor.	USPAT; USOCR	OR	OFF	2007/04/10 16:02
S15 7	17	714/21.cor.	USPAT; USOCR	OR	OFF	2007/04/26 12:00